

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : _____							

Work Order ID 151610

Tuesday, October 04, 2016 11:05:11 AM

151610

Page 2

Item ID: D2137 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Decal(No Step)
Start Date: 10/7/2016 Start Qty: 6.00 ***6*** Cust Item ID:
Required Date: 10/19/2016 Req'd Qty: 6.00 ***6*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>GA</u>	0.00							
130									
Packaging	Memo	0.01							
Packaging	***ONE YEAR EXPIRED DATE FROM RECEIVING: _____***								
	LOCATION : GA OCT 14 2017								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.10							
Quality Control									

OCT 14 2016 **DAS 21 9-89** **OCT 18 2016**

16-10-17

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Picklist Print

Tuesday, October 04, 2016 11:05:15 AM

Page 1

Work Order ID: 151610

151610

Parent Item: D2137

D2137

Parent Item Name: Decal(No Step)

Start Date: 10/7/2016

Required Date: 10/19/2016

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP: B02.02.01Added step 3 and Inspection level 21 SM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2137P		Purchased	No			100	Each	0.0000	1	6			
D2137P									**				
Decal - No Step													

6x SP/6-10-14

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

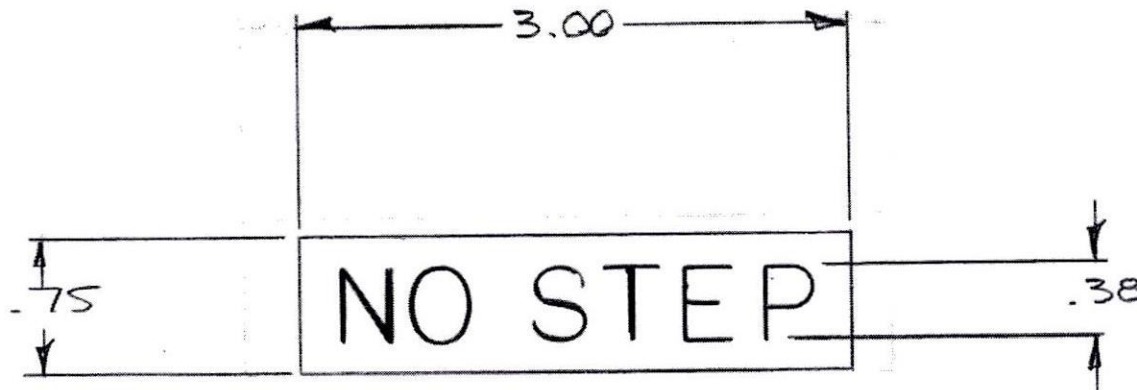


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Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval			
Description Work Order Deviation				Disposition							

Root Cause				FAULT CATEGORY			
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
				Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
				Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
				Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
				Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
				Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
				Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
				Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
				OTHER : ☐			



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 151610 MLS
1670-04

ALTERNATE MATERIAL:

3M 7 MIL MASKING FILM #8522CP
SILVER OR WHITE ON BLACK

00.09.05
CP 00.09.05

MATERIAL: 3M POLYESTER

NATURAL (SILVER OR
WHITE) ON BLACK.
.003 THICK



D 2137

REVISION	THIS DRAWING IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT THE PERMISSION OF DART AERO.		RIVET CODE SHALL BE PER NAS 523		PART NO.	ITEM	DESCRIPTION	MATERIAL	SPEC./VENOOR
DRAWN			BASIC CODE	DIA. DASH NO. W-HEAD NEAR SIDE F-HEAD FAR SIDE	CONTRACT NO.		DART DART AERO ACCESSORIES INC. VANCOUVER CANADA		
APPROVED			D-DIMPLE DIET-NO OF SHEETS C-COUNTERSINK	LENGTH DASH NO. W-SPOTWELD	DRAWN <i>[Signature]</i> DATE <u>Jun 29</u> DESIGNED <u>92</u>				
DESCRIPTION OF CHANGE	REQUIREMENTS — UNLESS OTHERWISE SPECIFIED		BASIC CODES		STRESS		TITLE <u>DECAL - NO STEP</u>		
	GENERAL	LIMITS	B-ME20470AD B-ME20472AD		CHECKED		CODE		
	1. DIMENSIONS ARE IN INCHES 2. SURFACE ROUGHNESS 125-4 3. REMOVE SHARP EDGES .015 MAX 4. THREADS PER SAE - S - 7742 5. HOLES PER AND 10287	1. TOLERANCES — .001 & .002 2. ANGLES XXX 2 .010 3. PARALLELISM 1 .0075 4. ECCENTRICITY .005 MAX 5. SYMMETRY ABOUT ALL M/C CENTRE LINES .005	CLIENT		DWG NO. <u>D 2137</u>		REV.		
REPORT ALL DISCREPANCIES — DO NOT SCALE									

SCALE 1:1 SHT 1 OF 1

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OTHER : _____					

STUD!O

210 Main Street West
Hawkesbury, ON K6A 2H6
Phone # 613-632-2001

Invoice

Date	Invoice #
10/14/2016	43191

Invoice To

Dart Aerospace Ltd
1270 Aberdeen
Hawkesbury
Ontario
K6A 1K7

Ship To

P.O. No.	Terms	Rep	Ship	Via	F.O.B.	Project
33865			10/12/2016			

Quantity	Item	Description	Price Each	Amount
6	4005	D2137P.	13.33	79.98
6	4005	D3012-1P.	13.33	79.98
6	4005	D3012-3P.	13.33	79.98
6	4005	D3012-5P.	13.33	79.98
		Attn: Chantal Ref: 18884		

8/16-10-14

Subtotal

\$319.92

Sales Tax

\$41.59

Thank you for your business.

Total

\$361.51

GST/HST No.

825007651

******CERTIFICATE of CONFORMITY******

Customer:

Studio de Lettrage

Purchase Order N°:

33865

Packing Slip N°:

WO# 18884

Part N°:

Serial N°:

Description:

D2137P, D3012-1P, D3012-3P,
D3012-5P.

Quantity:

6, 6, 6, 6

Certification:

We hereby certify that:

1. The above listed items were manufactured, repaired and/or inspected in accordance with applicable drawings and/or specifications;
2. All work was accomplished in accordance with the Dart Aerospace Purchase Order;
3. Results of all inspections, chemical or physical tests, as well as other evidence, which shows the acceptability of raw materials, parts and/or assembly components are on file and available for inspection at any time.

Authority:

Avery

APPROVAL:

Valerie Yang

Signature:

Val. Y.

Title:

office administrator

DATE:

Oct 14. 16

PRODUCT DATA SHEET



Avery® IPM I™ 7112

issued: 15/04/2002

Introduction

Avery IPM I 7112 is a white monomeric calendered removable self-adhesive vinyl for use on the Idanit 162Ad inkjet printer, providing good machine runnability. Because of its cost efficiency and good removability, Avery IPM I 7112 is recommended for a wide range of short term applications on flat substrates requiring easy and clean removal.

Description

Film : 100 micron gloss white monomeric calendered vinyl
Adhesive : **removable**, acrylic based
Backingpaper : kraft paper, 140 g/m²

Conversion

Avery IPM I 7112 is specially developed for use on the Idanit 162Ad and Idanit Novo inkjet printer and has been officially approved by Idanit using BL and Magic inks.

Uses

- Interior & exterior signs.
- Window decoration.
- Temporary promotional and point of sale advertising and all.
- applications to flat or regular surfaces that require removability.

Features

- Good printability and handling on Idanit 162Ad.
- Easy conversion.
- Most economical solution for short term outdoor graphics.
- Easy and clean removal (up to 1 year).



www.averygraphics.com

Graphics Division
Plijndijk 86, P.O. Box 118
2394 ZG Hazerswoude – The Netherlands
Tel +31 71 3421500 – Fax +31 71 3421538

PRODUCT CHARACTERISTICS

Avery® IPM I™ 7112

Physical properties

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	100 micron
Opacity	ISO 2471	92%
Dimensional stability	DIN 30646	0.3 mm max.
Adhesion, initial	FINAT FTM-1, stainless steel	225 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	400 N/m
Flammability		Self extinguishing
Shelf life	Stored at 22° C/50-55 % RH	2 years
Removability		up to 1 year*
*Not when applied to: Nitrocellulose paints, ABS, Polystyrene, screenprinting inks (fresh), certain types of PVC		
Durability, unprinted	Vertical exposure	2 years

Temperature range

Features	Results
Minimum application temperature:	≥ 0° C
Temperature range:	- 40 to +100 °C

Important

Information on physical and chemical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use. All technical data are subject to change.

Warranty

Avery® branded materials are manufactured under careful quality control and are warranted to be free from defect in material and workmanship. Any material shown to our satisfaction to be defective at the time of sale will be replaced without charge. Our aggregate liability to the purchaser shall in no circumstances exceed the cost of the defective materials supplied. No salesman, representative or agent is authorised to give any guarantee, warranty, or make any representation contrary to the foregoing.

All Avery® branded materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.

1) Test methods

More information about our test methods can be found on our website.

2) Durability

The durability is based on middle European exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing south; in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance will be decreased.



www.averygraphics.com

Graphics Division

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